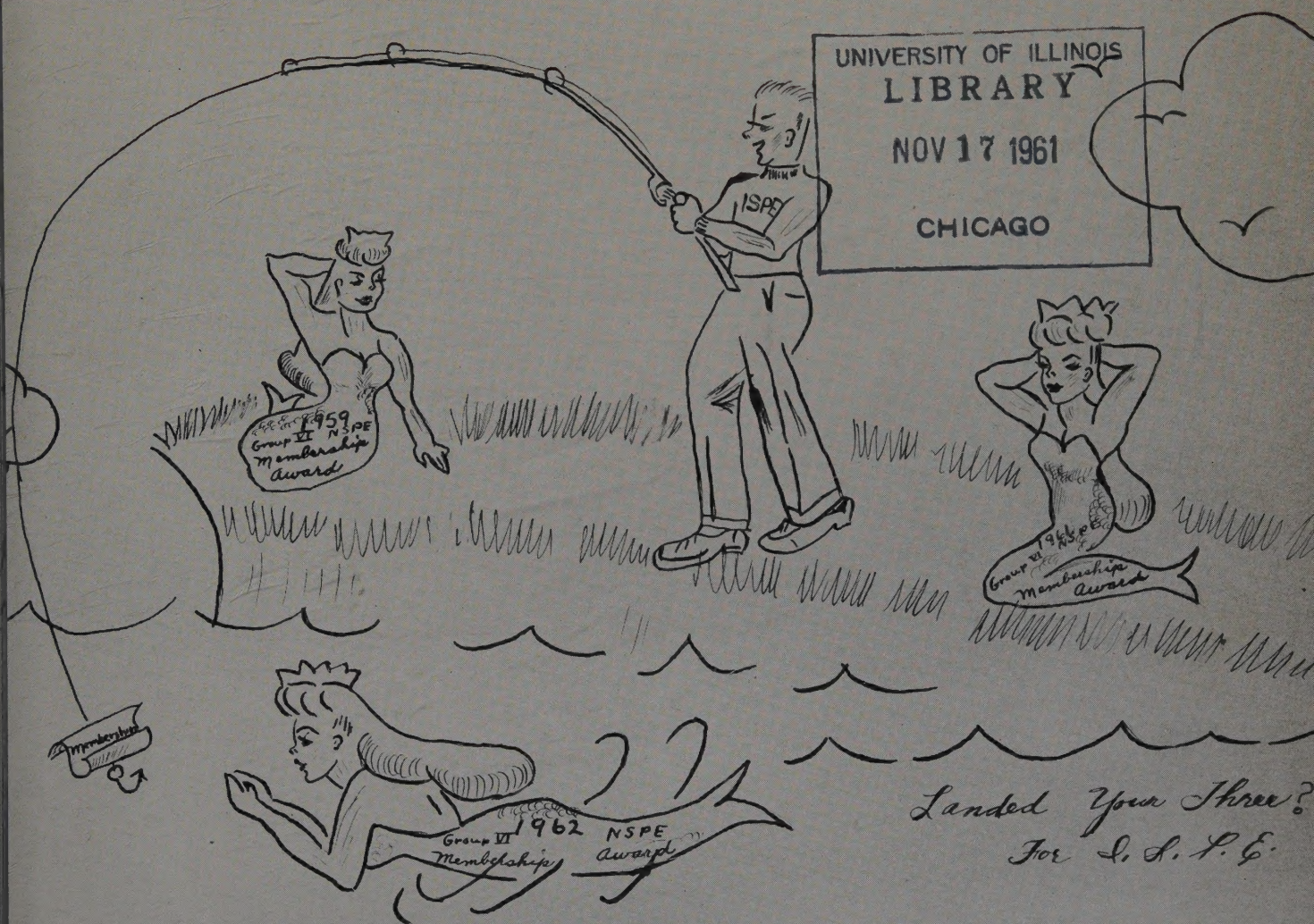




# *the* ILLINOIS ENGINEER



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For S. S. P. E.*

THE ILLINOIS ENGINEER  
NOVEMBER, 1961  
VOLUME XXXVII, NO. 11

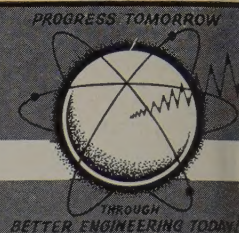
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## NOVEMBER— YOUNG ENGINEERS MONTH

November is traditionally recognized by NSPE chapters as Young Engineers Month. To focus attention on young engineers is appropriate if for no other reason than because emphasis in the engineering profession is shifting rapidly to the age level of the young engineer. While it is true that almost 90 per cent of all engineers who ever lived are still living, today it is also true that half of the engineers in the country completed their college training since World War II.

There is additional interesting evidence of this youth trend to be found in NSPE's recent Professional Engineers' Income and Salary Survey. Over 24,000 engineers were surveyed. When the returns were analyzed by year of entry into the profession, it was disclosed that the majority had been in the profession less than twenty years. In 1958 when the previous survey was conducted, the median age for NSPE members exceeded forty years. Now, however, the median age is only slightly over thirty-seven.

Moreover, those now about to enter the profession will be practicing in the next century. While it is difficult enough to envisage what engineering will be like only ten years from now,—in the 1970s—, who can predict what it will be like in the year 2000?

Before we go too far along that road to the 21st century, here are a few predictions of things which are likely to come true:

First, many experts agree that within about fifteen years the vast majority of qualified engineers will be registered. The acceleration in registration, especially among young engineers, indicated that the present gap will close in that time. In just the past three years the emphasis on registration in governmental and industrial circles has lent a tremendous impetus to registration.

Second, trends seem to indicate that engineering education at the undergraduate level will become general in course content rather than specialized by branches as at present. The traditional branches may either change title or change in course content so as to be virtually unrecognizable as compared with the education received by most of today's engineers. The unifying of engineering education will be developed under such classifications as design, analytical methods, energy and mass transfer, and engineering materials.

What will the engineer of the year 2000 A.D. be like? According to one educator, "The engineer of 2000 will still be the doer, the problem solver, the decision maker for technical matters in industry. This is not to say that he will do these things precisely the same way that he has done them in the past, or even

(Continued on Page 6)

## PRESIDENT'S COLUMN

Once again we have come to the Thanksgiving season of the year. Perhaps our first thoughts as we approach this holiday season will be of the festive gathering of friends and loved ones to a sumptuous



Harold Sommerschild,  
President

meal and the good fellowship which accompanies such an occasion. It is also natural that our minds revert to our Pilgrim fathers who inaugurated the holiday which affords us the opportunity to enjoy coming together in this manner.

It is good for us to recall the purpose for which the early settlers of our country instituted this time of celebration. This they did to give thanks for the blessing

of a bountiful harvest and to show their appreciation for the freedom they so thoroughly enjoyed. Their harvest was one of grain for which they were grateful had been produced through the sweat of their brow. Actually, even the hard work required to bring in the harvest constituted a blessing, for it made them a hardy people and only the strong survived the rigors of the life they lived. They possessed brave hearts and strong bodies which enabled them to face the task of developing a new way of life with confidence.

To appraise our position as engineers today is appropriate. Do we have the bountiful provision as did our Pilgrim fathers? Do we stand on the brink of apparent limitless opportunity as did they?

In spite of the many things which we would like to see improved we must admit we are most fortunate to live in a country where men have greater opportunity than anywhere else in the world. The way of life developed by the early inhabitants of our land affords us of freedoms coveted by the peoples of other nations.

(Continued on next page)

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**PRESIDENT'S COLUMN**—(Cont. from Page 1)

We stand today as engineers on the brink of veritably infinite vistas. New horizons appear every day. The opportunity to build, to devise and to develop is apparent on every hand. Prospects are staggering and challenging. For us to meet this challenge will require an integrated professional community worthy of the concerted cooperative effort of **all** engineers regardless of classification. The development of a Society through which such cooperation can be realized is a **must**. For those who have objectively considered this problem it has become increasingly clear that the NSPE-ISPE philosophy is the most logical answer. We are most fortunate that the foundation of a virile professional society has been provided. Our task is but to build a representative superstructure. This is a goal we must pursue to realization. It is our obligation to appropriate every opportunity to work toward the attainment of this goal. It is of vital importance to every engineer that we succeed in our effort to develop a Professional Society which will depict true professional maturity.

Obviously, we have much for which to be thankful. The country in which we live, the freedom we enjoy in our pursuit of happiness, the opportunities we possess to express our ingenuity, and the professional community which is available to us, all represent blessings not common to engineers of other lands.

Privilege is always accompanied by responsibility. Each of us is obligated to do all we can to perpetuate and further improve these areas. This we can do by accepting our civic responsibility, by protecting the freedoms we possess and by developing an effective engineering Society.

As engineers we hold an enviable position in determining the precepts of our economy. Engineers have contributed much to the development of our country. It is imperative that we accept and discharge this responsibility with impunity. If we do, the recognition of our fellow man, which we cherish, will be forthcoming. The reward is well worth our diligent effort.

The prospects with which we are confronted are equally challenging to those faced by the early Americans. Their definition and magnitude have changed but there has been no diminution of the opportunities available for development.

Yes, we have much for which to be thankful. Our prayer of thanksgiving this year should include requests for a continuation of our economic climate, the elimination of threats of conflicts with other ideologies, and for wisdom that we as engineers will be found capable of providing the leadership required to maintain, improve and expand the basic philosophy upon which our country was established.

**I.S.P.E. MEMBER EXPELLED  
FOR UNETHICAL CONDUCT**

For the second time in three years, the Illinois Society of Professional Engineers has found it necessary to expell a member for unethical conduct. This is evidence that the Society is interested in policing the activities of its members as well as those who are non-members of the Society.

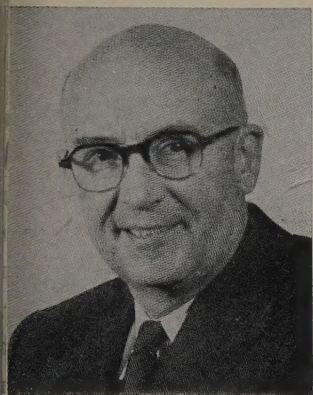
This particular case, which was considered by the Board of Direction at its regular meeting of September 9, 1961, in Kankakee, had its origin several years ago. One of the local Chapters considered the matter for some time and feeling that it might be biased in the matter finally referred it to the State Ethics and Practice Committee as a formal complaint and requested the State Committee's consideration. The State Ethics and Practice Committee held a meeting on this complaint in January of 1961 at which time the accused member and a representative of the local Chapter were present and made formal presentations. After extensive consideration and investigation by members of the committee and ISPE Legal Counsel, the State Committee recommended to the April Board Meeting that expulsion proceedings be initiated. In accordance with the State Constitution, the Board set a date for the hearing and notified the accused that he should be in attendance to show cause as to why he should not be expelled from the Society. By means of two letters written during the Summer months the engineer responded to the charges and further stated that he would not attend the hearing.

Formal charges filed by the State Ethics and Practice Committee listed a number of violations to the preamble to the Canons of Ethics and of specific sections of the Canons of Ethics and Rules of Professional Conduct. In general, the charges relate to undignified and unprofessional conduct as well as conduct that would bring discredit to the profession. He was also charged with violation of the section of the Canons of Ethics dealing with classified telephone directory listings. Legal counsel rendered an opinion that it appeared the accused had violated the Registration Acts governing Engineering and Architecture.

After hearing the charges and replies, the Board of Direction moved that the accused be expelled from our Society and that the Department of Registration and Education be notified of our action and the opinion of our legal counsel.

## HIGHLIGHTS OF N.S.P.E. DIRECTORS' MEETING, ROANOKE, VA., OCT. 19, 20, 21

1. The meeting was held at the same time and place as the joint meeting of the Virginia Society of Professional Engineers and the Virginia branch of the American Institute of Architects. Their principal educational program was a panel discussion on "Education for Architects and Engineers to Meet Today's Needs". The five member panel consisted of the General Electric Company Consultant on Professional Relations, moderator; two deans, one of engineering and one of architecture, one practicing engineer from New York and one practicing architect from Philadelphia.



Royce E. Johnson

2. The NSPE Board approved a statement to the effect that it is not the function of nor is it appropriate for the NSPE, its Executive Committee or its Board of Directors to review disciplinary actions by the State P. E. Societies.

3. The Board approved a motion to submit a ballot for a constitutional amendment which would enable NSPE to do its part in implementing the UNITY plan discussed in the June **American Engineer** and originally proposed by Prof. Coover, P.E., of Iowa State University, while he was an official of AIEE.

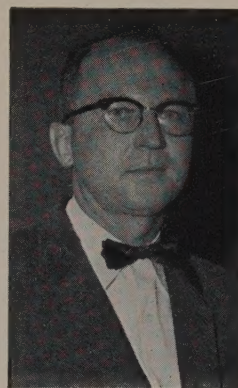
G. H. Dyer, P. E., Chairman of the Inter-Society Relations Committee, ably presented the case for the amendment. Various aspects of this proposal will be discussed in early issues of **American Engineer** and **Illinois Engineer** so the membership can vote intelligently.

The directors all appeared to be in favor of the UNITY plan which will permit NSPE to claim representation in professional matters for members of ASME, AIEE, ASCE and other Founders Societies if they change their constitutions to require, after and date two or three years from the date of their membership vote, all members of a higher grade of membership to be registered as a prerequisite for the grade of membership. Under the present system NSPE represents too few engineers to make much of an impression in legislative matters. The Founders Societies will confine their activities to technical and scientific matters and ECPD, with ASEE will take care of educational matters.

4. Now that there are 53 PE societies affiliated with NSPE the membership can increase only from within—there are no more PE societies to bring in large groups of members.

5. Miss Ida Klans, the New York City staff lawyer who maneuvered Mayor Wagner's Order No. 49, has been added to the U. S. Department of Labor staff in Washington. Order No. 49 specifies that all city employees, including all professionals, must be represented by unions. Be on the alert for similar edicts, possibly following legally required public hearings, in other cities and governmental units. The public hearings probably will be called to the attention of only pro-union groups with the hope that PE Societies will not learn of the hearings in time to attend. This happened in New York when only those who asked in advance of the hearing were allowed to speak.

The most important action taken by the Board of Directors was adopting several changes in the Constitution and By-laws which will permit certain unregistered Engineers to become NSPE "Members".



C. E. Missman

This proposition must be voted upon by individual NSPE members and a two-thirds vote of approval is required before the plan can be put in effect. You will receive full information on the proposal prior to voting, which will be late this year or early in 1962. If approved by our membership, the plan will go into effect January 1, 1963.

The Board approved Rules of Procedures and Operations which will permit the Functional Section of Professional Engineers in Industry to become fully active. Reports by the Functional Sections for Engineers in Government Practice and Consulting Engineers in Private Practice stress that unionism is a very strong threat and must be combated in every area of our profession. Since most committees began their years work after the July Board meeting, few of their reports contained resolutions requiring Board action.

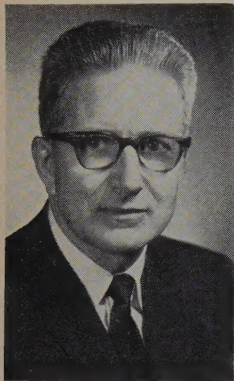
An interesting film, developed by the Public Relations Committee, was given a premiere showing. It is aimed at engineering students and Engineers in Training and outlines the professional development of a typical young Engineer through engineering school and early years of employment. The film will be available for showing in Engineering schools and to other interested groups of young engineers.

President Murray Wilson addressed the first evening session. He stressed that Professional Engineers must police their own ranks or face the certainty that they will be policed by outside groups, probably by federal and state legislation.

(Continued on next page)

NSPE was the guest of a joint meeting sponsored by the Virginia Society of Professional Engineers and the Virginia Section of the American Institute of Architects. They arranged for an excellent and interesting display of engineering products and services which attracted more than 80 exhibitors.

Four of the five ISPE National Directors attended the Fall Meeting of the NSPE Board in Roanoke. Also Robert J. Newbury, executive director, ISPE, joined full time secretaries from other large state



Frank Edwards

societies to discuss mutual problems during this same period.

All NSPE officers with the exception of Past President Mosher, who was ill, and nearly 100 national directors representing all but one or two of the state societies attended this meeting.

The most important action taken related to membership in the society. NSPE has taken a tremendous step forward in implementing the functional plan for unity, originally proposed by the AIEE. For a full discussion on the subject refer to the article by NSPE Past President Garvin Dyer in the June, 1961, issue of the **American Engineer**. The NSPE membership will be requested to vote within the next year on constitutional amendments to implement his membership plan.

The ASME observer at the NSPE Fall meeting indicated the mechanical society is moving along with NSPE in putting the unity plan into effect. It is expected that the ASME membership will vote within the next few months to require registration for its top membership grade. As many of you know ASCE top membership grade already requires registration.

State societies are urged to obtain additional firms to sponsor engineering scholarships similar to the NSPE-ARMCO scholarship program. Such activity can be a real service to future engineers.

Inevitably financing becomes a serious problem in professional society activities. The extensive professional program conducted by NSPE exceeds the current funds available. Consideration is being given to elimination of the Fall Board meeting and instead of holding three 2-day meetings a year, confine the Board Sessions to two 3-day meetings. It is probable that the Executive Committee will continue on its present schedule if the suggested plan is adopted.

## I.S.P.E. NOMINATING COMMITTEE REPORT

Recommended for the 1962-63 I.S.P.E. Offices were:

### PRESIDENT:

MANUEL GARCIA ..... (For 1-year term)

### VICE-PRESIDENTS (3):

C. DALE GREFFE ..... (For 1-year term)

LOUIS A. BACON ..... (For 1-year term)

RALPH MICHAEL ..... (For 1-year term)

### SECRETARY:

GEORGE L. FARNS-

WORTH, JR. .... (For 2-year term)

### NATIONAL DIRECTORS:

FRANK W. EDWARDS.. (For 3-year term)

CLIFFORD MISSMAN... (For 3-year term)

### ALTERNATE NATIONAL DIRECTOR:

L. D. HUDSON..... (For 3-year term)

### I.E.C. REPRESENTATIVES:

(3-year terms starting Jan. 1, 1963)

HARRY KLUGE

JOHN DOLIO

Respectfully submitted,

I.S.P.E. Nominating Committee

V. E. Gunlock, Chairman

W. E. Hanson, Vice Chairman

R. R. Gates

D. F. Hang

C. H. Wilson

C. H. Sheppard

M. D. Wurth

## PHOTOGRAMMETRY SHORT COURSE AT THE UNIVERSITY OF ILLINOIS

A Photogrammetry Short Course will be conducted at the University of Illinois, Urbana, Illinois January 30 thru February 2, 1962. Photogrammetry and Photo-interpretation will be the main topics of this course. The short course will be so conducted that beginners, as well as professional photogrammetrists can benefit from it. In charge of the photointerpretation portion will be Dr. T. H. Thornburn, Professor of Civil Engineering, while Dr. H. M. Karara, Associate Professor of Civil Engineering, will be responsible for the part on photogrammetry. This course will be conducted by the Department of Civil Engineering in cooperation with the Division of University Extension, and will be under the auspices of the Great Lakes Region ASP and the Illinois Registered Land Surveyors Association. For full details please contact: Supervisor of Engineering Extension, Room 116-d Illini Hall, University of Illinois, Urbana, Illinois.

## N.S.P.E. REFUTES LABOR CRITICISM

Labor union criticism of a newly adopted policy of the National Society of Professional Engineers as encouraging "strikebreaking" on the part of engineers was attacked sharply at a session of the National Society's Fall Meeting in Roanoke, Va.

An Engineer in Industry Committee report explained that in certain situations, the National Society's policy is designed to "provide guidance for professionally acceptable conduct when a strike affects health, safety, or security."

The policy in question is stated as:

"The engineer is ethically obligated to protect the public; therefore, he may properly assume the duties of nonprofessional workers involved in labor disputes in those cases where the assumption of such duties is for the protection of the health and safety of the public or the security of the nation."

The unions have held that the Taft-Hartley Act provides for the President to decide when a particular activity threatens national health and safety. The National Society's Engineer in Industry report points

out that in practical application, the Taft-Hartley injunctive process could take several days or weeks, and during this interim period workers in a key operation would be on strike.

"The NSPE policy fulfills a definite need for providing guidance to professional engineer employees who, through the exercise of their own evaluation of the situation, could then determine if their assumption of the duties of nonprofessional employees would be proper," the Committee report stated.

## 1962 I.S.P.E. CONVENTION

APRIL 12, 13 and 14 are the new dates for the 1962 I.S.P.E. ANNUAL CONVENTION to be held in URBANA, ILLINOIS. Headquarters for the Convention will be the URBANA LINCOLN MOTOR INN with facilities of the MOTEL URBANA also being utilized.



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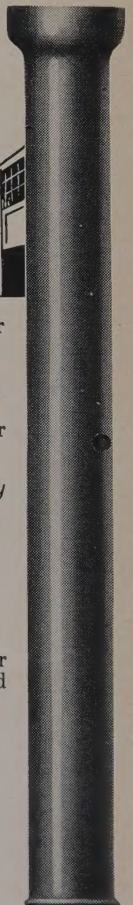
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## 100 "JETS" PLANNED FOR ILLINOIS HIGH SCHOOLS

URBANA, Ill.—One hundred new chapters of the Junior Engineering Technical Society are planned for Illinois high schools during the coming year, David Reyes-Guerra, state director of the JETS program, said tonight.

This is a nationwide organization to acquaint high school students with engineering much as 4-H Clubs acquaint them with agriculture, he told the University of Illinois Engineering Alumni Committee at its annual dinner here.

JETS now has 841 chapters over the United States and six foreign countries. Eighteen were established in Illinois before this fall when a state headquarters was set up at the University of Illinois and Reyes-Guerra named director to facilitate expansion.

First new charter has been issued for Moore High School, Farmer City, and will be presented probably next week, Reyes-Guerra said. Dean William L. Everitt, U. of I. College of Engineering, has been asked to take part in the presentation.

First Illinois state exposition of projects by JETS members will be held in the spring of 1962 on the U. of I. campus during the university's annual Engineering Open House.

Reyes-Guerra stressed the national need to attract qualified youngsters to engineering, to let them know what engineering is, and to direct them to high school courses important in preparation for engineering careers.

He explained the role of the alumni committee and others in the profession in encouraging future engineers through the JETS program in which practicing engineers are called on by the high schools to assist in chapter activities and projects.

These projects may be by individuals, groups, or chapters, he said. National and state headquarters of the nonprofit JETS organization will provide assistance and information, but chapters are completely free to plan their own activities.

JETS is sponsored by the Engineers' Council for Professional Development and the Engineering Manpower Commission of the Engineers' Joint Council, composed of the nation's leading professional engineering societies.

It is financed by industry, engineering foundations, and the National Science Foundation. National headquarters are in the United Engineering Center, New York City.

## WELCOME, NEW MEMBERS OF ISPE

### AMBRAW

Fritschle, Jerry Duane, 1303 E. Elm St., Olney (EIT-IM)

### BEVERLY

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### BLOOMINGTON AREA

Smith, Robert Boyd, 1827 Lafayette, Bloomington (EIT-IM)

### CAPITAL

Abbott, David, 1340 E. Lake Drive, Springfield (NAT)

### CHICAGO

Ansel, Richard M., 1115 Wisconsin Ave., Oak Park (NAT)

Aramburu, Victor B., 5345 Davis St., Skokie (NAT)

Footlik, Irving M., 9116 Four Winds Way, Skokie (NAT)

Hattis, Robert E., 64 Old Orchard, Skokie (NAT)

Maten, Albert J., 1637 Arthur, Chicago (EIT-IM)

Neal, Donald K., 2212 Park Ave., Riverside (EIT-IM)

Nyitrai, Janos, 7319 N. Ashland Blvd., Chicago 26

(NAT-IM)

O'Brien, Hubbert L., Fairfield, Olympia Fields (NAT)

Pahl, Henry Albert, 10022 S. Homan, Evergreen Park

(NAT-IM)

Shapiro, Sidney H., 6510 N. Hamilton, Chicago (NAT)

Smith, Frederick C., 5858 N. Sheridan Rd., Chicago 40

(NAT)

### ILLINOIS VALLEY

Stremmlau, Leon Edmund, 504 Ninth Ave., Mendota

(EIT-IM)

### LAKE COUNTY

Bolander, Stephen Wm., 203 Florence Ct., Libertyville

(EIT)

Soghigian, Avedis, 326 Ravene Avenue, Waukegan (EIT)

Teberg, Ernest John, Route 2, Box 118 East Hillside Rd.,

Crystal Lake (NAT)

### MADISON COUNTY

Tolliver, Jack R., 1250 Klein, Venice (NAT-IM)

### NORTH SHORE

Allen, Robert F., 2022 Fir, Glenview (NAT-IM)

Erlebacher, Gunther, 7827 Lotus, Morton Grove (NAT-IM)

Magos, John Peter, 2142 Chestnut, Wilmette (NAT)

### PEORIA AREA

Carter, Leslie G., 2318 W. Callendar, Peoria (NAT)

Connor, Donald Henry, 1257 N. Fourth, Chillicothe

(NAT-IM)

Garretts, Vernon A., 340 Sycamore Drive, Canton (NAT)

Klein, Jan Cecil, 1126 W. Margaret, Peoria (EIT-IM)

Koetter, John D., Route 1, East Peoria (NAT-IM)

Rodewald, Lawrence E., 721 W. Westwood Drive, Peoria (NAT)

### SALT CREEK

Abramson, John Joseph, 6401 - 18th St., Berwyn (EIT)

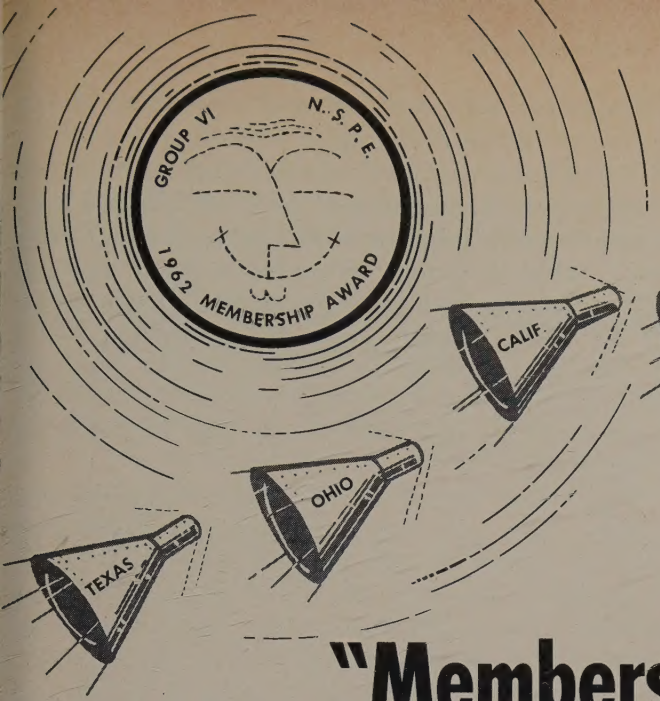
Blume, LeRoy O., 542 - 58th Ave., LaGrange (NAT)

## NOV.—YOUNG ENGINEERS MONTH

—(Cont. from Page 1)

in 1960. Primarily, however, the heart of engineering will still be design, although the kinds of devices and processes which the engineer will design in the last forty years of the twentieth century will become more and more exotic from our viewpoint and will encompass greater and greater complexity." Another expresses it as follows, "What we can hope for, for improvement by 2000, is to get men with an engineering attitude—a mania for fact, an awareness of time, and a knowledge of the importance of money even outside of salary. Ingenuity, initiative, and talent for teamwork will be at a premium."

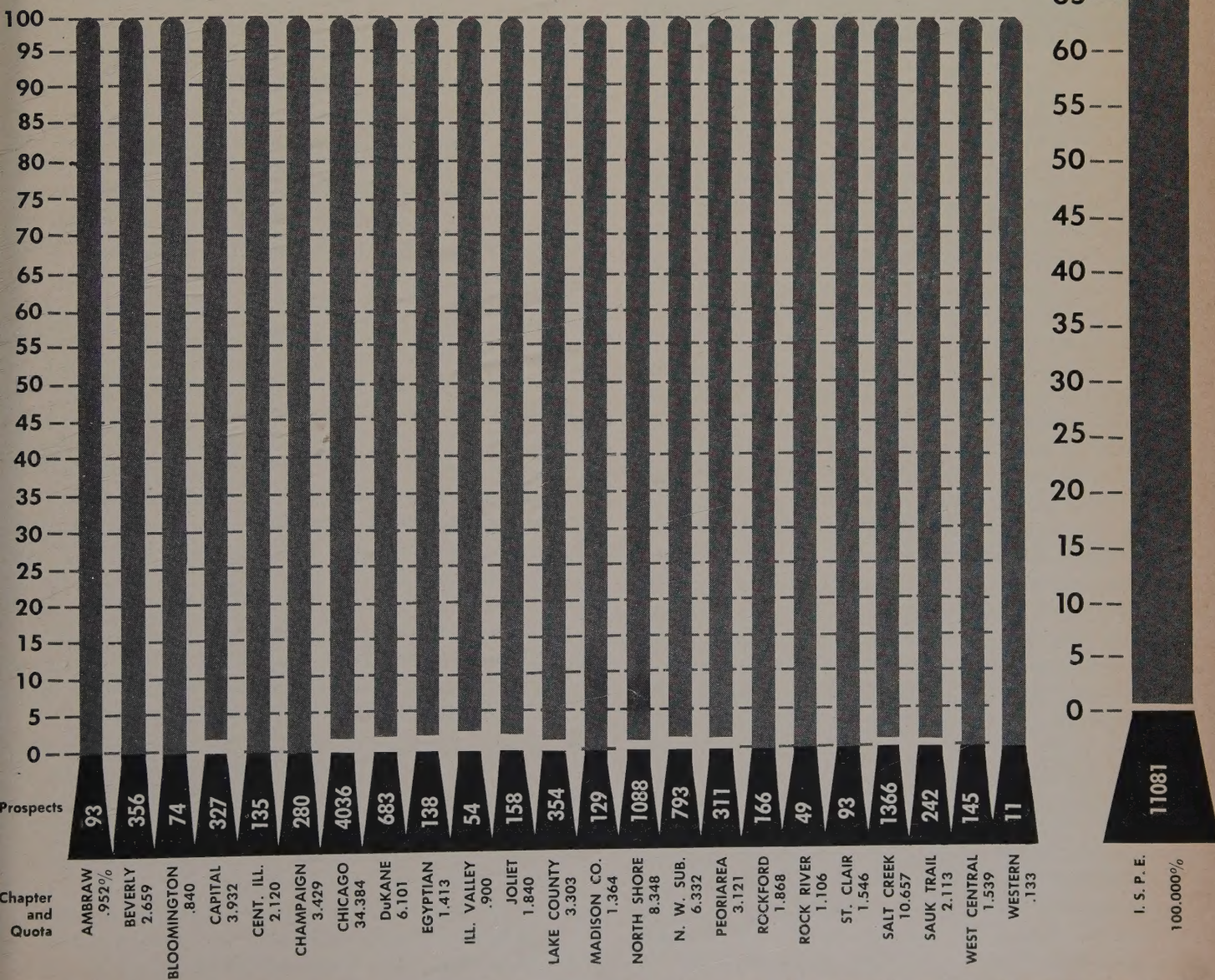
The role of the young engineer is thus certain of being filled with challenge—a world of challenge where new ideas and energy are still the most important factors.



1961-62

I.S.P.E.

"Membership Moonshot"



NEW MEMBERS ARE ROCKET BOOSTERS

## SUMMARY OF I.S.P.E. EXECUTIVE COMMITTEE MEETING MOLINE, ILLINOIS, OCTOBER 7, 1961

### 1. Illinois' West Central Chapter to Extend Invitation To Iowa Engineers In Quad-City Area



(L to R) Clifford Missman, NSPE Director, Rock Island; Richard S. Langman, Rock Island, W. Central Chapter President; Jack Swander, Davenport, Ia., member of the Iowa Engineering Society (IES); and Harold F. Sommerschild, ISPE President.

The West Central Chapter of the Illinois Society of Professional Engineers has received the enthusiastic sanction of the ISPE Executive Committee to invite members of the Iowa Engineering Society in the Quad City area to participate in their chapter meetings. The President of the West Central Chapter, Richard S. Langman, stated that the invitation will go out for their next regular meeting. The basic premise behind this move is to explore the possibility of establishing a strong professional chapter in the Quad City area, made up of members of both the Iowa Engineering Society and the Illinois Society of Professional Engineers. This enlarged West Central Chapter would follow the present pattern of most organizations in their area—that is, of being organized on a Quad-City basis.

Mr. Jack Swander of Davenport, Ia., representing the IES, stated that Iowa does not have an active professional chapter in that area and that most of the Iowa members had stated their preference to belong to an integrated Quad City Chapter. They felt this type of organization better fit the psychology of the area. Jack also stated that the Iowa engineers would be very happy to have the opportunity of building this chapter membership on the present framework of our West Central Chapter and to abide by the membership regulations presently in force. That is to say, that REGISTERED professional engineers, structural engineers, land surveyors, and EIT's would be eligible to join the Quad City organization. Mr. Swander also felt that this chapter would also serve as a fine ex-

ample for the other Iowa areas to encourage professional development at the chapter level.

The decision to form this Quad City organization is now entirely in the hands of the West Central Chapter members and their new Iowa friends. If this "inter-state" chapter is formed, as far as we know, it could be the first of its kind in the nation and set a new pattern for other boundary areas. Iowa residents would pay their dues through the IES and Illinois residents would continue to pay theirs through ISPE. The Chapter portion of the dues would be the same for residents of both states.

This action toward an "inter-state" chapter was triggered after preliminary discussions between Bob Newbury, ISPE Executive Director, and Noel Tweet, IES Executive Secretary. Mr. Tweet indicated that he had also conferred with J. D. Strong, NSPE Field Representative. It seemed in the best interest of the professional engineers in the Quad City area to pursue the organization of a strong chapter in that area. Newbury "passed the ball" to the officers of ISPE's West Central Chapter and invited President Langman to present the idea to the ISPE Executive Committee. Mr. Tweet named Jack Swander to represent the IES at this meeting.

The ISPE Executive Director indicated that he has already had a preliminary discussion with Missouri's Executive Secretary, Paul Doll, P. E., over the possibility of combining ISPE's Western Chapter in Quincy with Missouri's Northeastern Chapter in Hannibal.

2. Vice-President C. Dale Greffe announced that JERRY DOBROVOLNY has been named as GENERAL CHAIRMAN of the 1962 ISPE CONVENTION to be held APRIL 26-28 in CHAMPAIGN-URBANA.
3. E. A. WEINEL of E. St. Louis, Ill. is the new Chairman of the ISPE Employment Practices Committee; NATHAN WILCOXON of Springfield is the Vice-Chairman.
4. All Chapter Presidents have been alerted that Mr. David Reyes-Guerra of Champaign has been appointed Illinois Director of the JETS (Junior Engineering Technical Society) program for high schools. Material regarding the program can be obtained from Mr. Reyes-Guerra or directly from the JETS national office at the United Engineering Center, 47th St. and 1st Ave., New York City.
5. NSPE Director Clifford Missman reported that the New York Society had offered a resolution to delay the Unity plan action until the January meeting of NSPE. The ISPE Executive Committee instructed our National Directors to vote against the resolution.

The National Directors were also instructed to bring to the assembled body at Roanoke our fears regarding lack of age limitation in the proposed

new membership grade and to suggest that an age limitation should be applied.

6. Executive Director Newbury also reported that following the meeting in Roanoke between Executive Secretaries of the various NSPE STATE SOCIETIES, he would submit recommendations for improvement of the functioning of state committees.

7. **All Future ISPE Executive Committee Meetings Will Be Held In Springfield.**

8. After informal discussion, the Executive Committee concurred in the following names to be presented by President Sommerschild for Board approval as appointees to newly established committees:

Judges for Public Relations Panel: M. E. Amstutz, George E. Ekblaw, Gilbert Henning.

ISPE Committee to investigate possibilities of ISPE Mutual Investment Fund: Walter Linzing, Manuel Garcia, R. D. Collins.

9. ISPE Civil Defense Committee has been instructed to contact the newly appointed Illinois Director of Civil Defense (Donovan Vance of Monmouth) to offer assistance in a nationwide survey being made of potential fall-out shelters.

## **SPECIAL ANNOUNCEMENT**

### **1963 CONVENTIONS SCHEDULED FOR ST. LOUIS**

Harold F. Sommerschild, President, ISPE, and W. E. Hedges, President, MSPE, are pleased to announce that the Illinois Society of Professional Engineers and the Missouri Society of Professional Engineers will hold their ANNUAL CONVENTIONS JOINTLY at the SHERATON-JEFFERSON HOTEL, ST. LOUIS, MAY 3-4, 1963.

The business sessions of each Society will be held separately, but the banquets and social sessions of the two professional organizations will be held jointly.

The PRELIMINARY PLANNING COMMITTEE IS COMPOSED OF:

Frank E. Wenger, President, St. Louis Chapter, MSPE

Manuel Garcia, Vice-President, ISPE, from E. St. Louis, Ill.

Paul N. Doll, Executive Director, MSPE, Jefferson City, Mo.

Robert J. Newbury, Executive Director, ISPE, Springfield, Ill.

1963 Convention Committees are currently being appointed in each state for this outstanding cooperative effort.

## **BOARD GIVES APPROVAL TO NEW MEMBERSHIP PLAN**

Board approval of a proposal to broaden the NSPE membership base to provide representation in the National Society for certain nonregistered engineers was one of the highlights of the National Society's Fall Meeting.

The Board of Directors without dissent gave approval to a three-point recommendation by the Inter-Society Relations Committee which:

- (1) Approved a unified statement of principle by AIEE, ASME, and NSPE concerning the functional unity concept of the engineering profession.
- (2) Authorized the Inter-Society Relations Committee to continue joint activities with other engineering groups to improve the organization of the profession.
- (3) Authorized the submitting of proposed changes in the NSPE Constitution and Bylaws to a vote by the Society membership which would establish three classifications of Society members.

The three classes in the latter proposal would be: Professional Engineer Member, Member, and Junior Member. The "Member" classification would permit NSPE membership for engineers who are not registered but who, as of date of approval, are members of an approved national engineering society in a grade of membership to which only PE's will be admitted in the future. Individuals in the "Member" classification would have all the rights and privileges of Professional Engineer Members except that of holding office in the National Society.

Inter-Society Relations Committee Chairman Garvin H. Dyer told the board that "the real purpose of the whole functional concept is to get our profession unified." The former NSPE president spoke at length on behalf of the three-point recommendation and urged the Board to consider that "the entire profession is watching what we do about unity."

## **4TH SANITARY ENGINEERING CONFERENCE SCHEDULED**

*Water Distribution Systems* is the title of the Fourth Sanitary Engineering Conference to be held in Urbana, Illinois on February 13 and 14, 1962. The conference is sponsored jointly by the Division of Sanitary Engineering, Illinois Department of Public Health and the Department of Civil Engineering, University of Illinois. This conference is designed to be of value to operating and administrative personnel, contractors, and consulting engineers concerned with water supply. Further information may be obtained from Ben B. Ewing, Professor of Sanitary Engineering, University of Illinois, Urbana, or from C. W. Klassen, Chief Sanitary Engineer, Department of Public Health, Springfield, Illinois.

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## **SPECIAL**

### **CAPITAL CHAPTER TO HEAR COLONEL ROSCOE TURNER**

COLONEL ROSCOE TURNER, internationally known pioneer in aviation and speed flying, will speak at Capital Chapter's "Young Engineers' Dinner"—TUESDAY — NOVEMBER 21 — St. Nicholas Hotel, Springfield. Dinner is scheduled for 7:00 P.M. Colonel Turner's address is entitled, "CAN WE SAVE OUR WAY OF LIFE AND THE CAPITALISTIC SYSTEM".

Capital officials have also invited members of the IAHE, AIEE and ASCE to attend this fine program.

Colonel Roscoe Turner is the only three-time winner of the famous Thompson Trophy Race. He has also won the Bendix Air Race and has been awarded the Distinguished Flying Cross for his contributions to aviation development and pioneering in speed flying.

### **SALT CREEK CHAPTER MEETINGS**

Thursday, November 16, 1961 — Talk on Patent Law.

Tuesday, December 19, 1961—History and Development of Soil Mechanics.

Wednesday, January 24, 1962—Financing Engineering Projects.

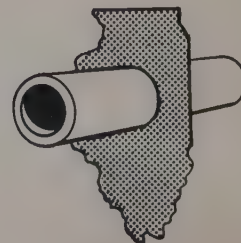
Thursday, February 22, 1962 — Engineers' Week Program.

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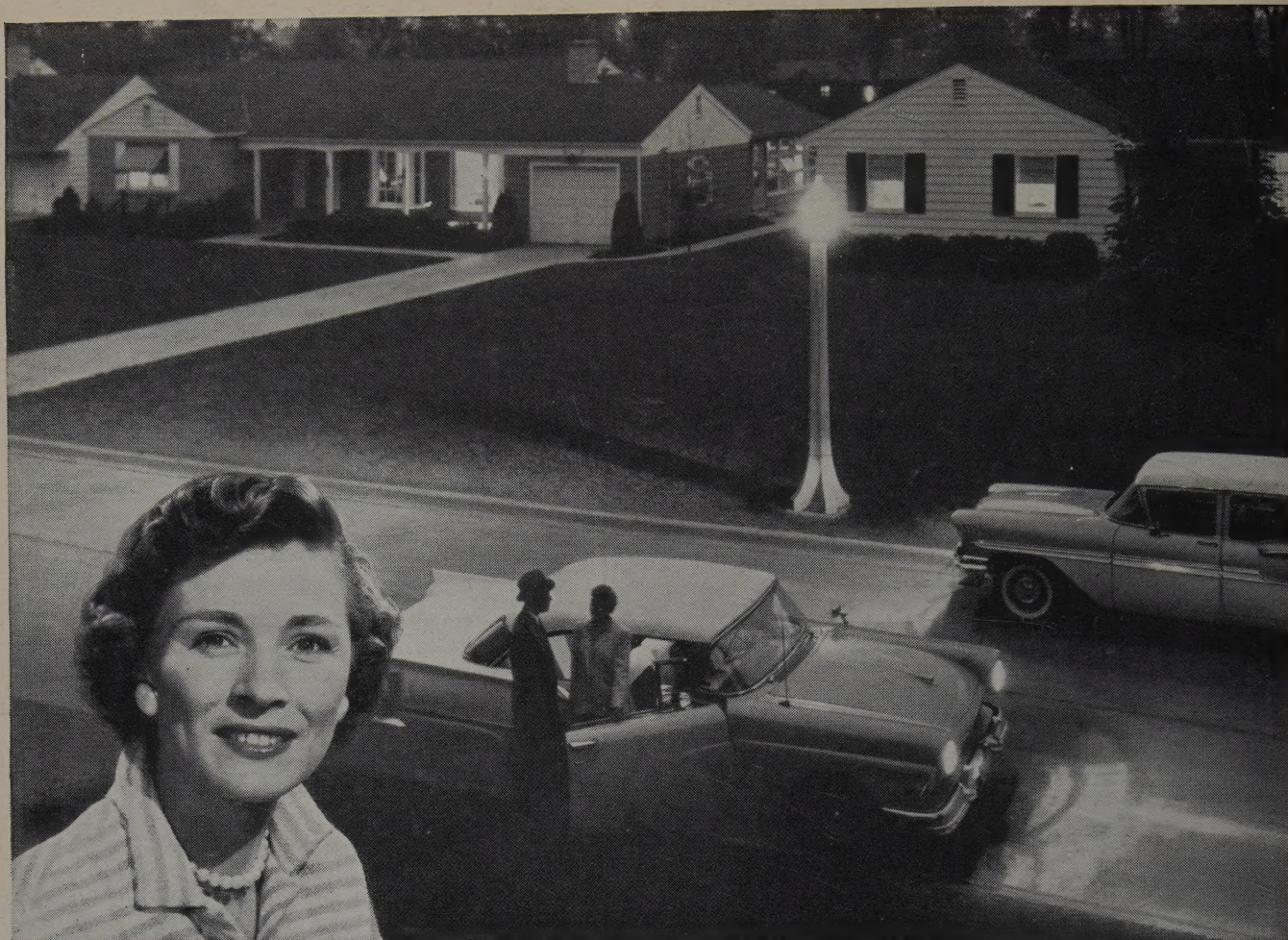
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